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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Yoo, et al.

Serial No.: 10/023,125

Confirmation No.: 4585

Filed: December 17, 2001

For: Pulse Nucleation Enhanced Nucleation Technique for Improved Step Coverage and Better Gap Fill for WCVD Process

MAIL STOP DD
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Group Art Unit: Unknown

Examiner: Unknown

CERTIFICATE OF MAILING
37 CFR 1.8

Dear Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

The Applicants, and the Attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

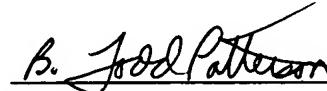
While the information submitted in this Supplemental Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is prior art for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97, this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined under 37 CFR § 1.56(a) exists.

The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

If the sum of \$180.00 is due under 37 CFR § 1.17(p) pursuant to § 1.97, the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely, to the Deposit Account No. 20-0782/APPM/5730/BTP.

Respectfully submitted,


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U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)		Docket No. AMAT/5730/TCG/ WCVD/LE	Serial No. 10/023,125
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>MAY 15 2003</i>		Applicant Yoo, et al.	Confirmation No.: 4585
(Use several sheets if necessary)		Filing Date Dec. 17, 2001	Group Unknown
	Examiner Unknown		

U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
	A1	6,534,395	03/18/03	Werkhoven, et al.	438	627	03/06/01
	A2	6,482,262	11/19/02	Eliers, et al.	117	84	10/13/00
	A3	6,468,924	10/22/02	Lee, et al.	438	763	05/31/01
	A4	6,399,491	06/04/02	Jeon, et al.	438	680	04/06/01
	A5	6,372,598	04/16/02	Kang, et al.	438	399	06/16/99
	A6	6,342,277	01/29/02	Sherman	427	562	04/14/99
	A7	6,207,487	03/27/01	Kim, et al.	438	238	10/12/99
	A8	2003/0072975	04/17/03	Shero, et al.	428	704	09/26/02
	A9	2003/0049942	03/13/03	Haukka, et al.	438	778	08/22/02
	A10	2003/0032281	02/13/03	Werkhoven, et al.	438	640	09/23/02
	A11	2003/0031807	02/13/03	Eliers, et al.	427	569	09/17/02
	A12	2003/0013320	12/05/02	Leskela, et al.	427	250	03/15/02
	A13	2002/0187631	12/12/02	Kim, et al.	438	637	12/05/01

Foreign Patent Documents

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
	B1	02/45167	06/06/02	WO	H01L	27/00	<input type="checkbox"/>	<input type="checkbox"/>
	B2	02/067319	08/29/02	WO	H01L	21/768	<input type="checkbox"/>	<input type="checkbox"/>
	B3	98/51838	11/19/98	WO	C23C	16/06	<input type="checkbox"/>	<input type="checkbox"/>

OTHER ART

*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
	C1	
	C2	
	C3	

Examiner	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)					Docket No. AMAT/5730/TCG/ WCVD/LE	Serial No. 10/023,125		
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U.S. Patent Documents								
*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate	
	A1	2002/0187256	12/12/02	Elers, et al.	427	99	07/30/02	
	A2	2002/0182320	01/16/03	Kim, et al.	438	778	05/31/01	
	A3	2002/0094689	07/18/02	Park	438	694	03/07/02	
	A4	2002/0076837	06/20/02	Hujanen, et al.	438	3	11/28/01	
	A5	2002/0052097	05/02/02	Park	438	507	05/03/01	
	A6	2002/0007790	01/24/02	Park	118	715	05/03/01	
	A7	2002/0000598	01/03/02	Kang, et al.	257	301	07/26/01	
	A8	2001/0054730	12/27/01	Kim, et al.	257	301	05/23/01	
	A9	2001/0028924	10/11/01	Sherman	427	255.28	05/24/01	
	A10							
	A11							
	A12							
	A13							
Foreign Patent Documents								
*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
	B1	2001-111000	04/20/01	JP	H01L	27/105	<input type="checkbox"/>	<input type="checkbox"/>
	B2	1,167,569	01/02/02	EP	C23C	16/455	<input type="checkbox"/>	<input type="checkbox"/>
	B3						<input type="checkbox"/>	<input type="checkbox"/>
OTHER ART								
*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.						
	C1							
	C2							
	C3							
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